

ABSTRACT

A method to synthesize chlorine dioxide blocking remover in an oil well, including: chlorate aqueous solution and some acidic substances that can dissolve in water and produce hydrogen ion are quickly injected into oil wells or water wells by injection pump. So as to make them react each other and produce chlorine dioxide.

The invention is effective to remove oil layer block induced by polymers and microbes by composing chlorine dioxide blocking remover in a well. The invention can prevent people from the danger of explosion induced by leaked chlorine dioxide.

The invention also has a function of reducing the corrosion of equipments and pipes induced by chlorine dioxide. The invention is acceptable for oil wells, water wells, pressing crack wells, water shut-off mix wells, pouring wells after oil extraction 3 times, and recovering wells. The invention can increase the output of oil wells and increase the pouring of water wells and increase the pouring of water wells, so as to reduce the cost and increase the oil production.